

80V/81-59-7-22510

The Dependence of the Viscosity of a o-Xylene-Hexane Mixture on the Temperature and the Concentration of the Components

value of the critical temperature of the corresponding mixture, the greater is V of its liquid phase and the lower is V of its saturated vapor.

3. Byk

Card 2/2

KHALILOV, Kh.M.; ZABELINA, Yu.Yu.

Effect of temperature and the concentration of components on the
viscosity of o-xylol-hexane mixtures. Trudy Inst. fiz. i mat. AN
Azerb. SSR. 9:124-127 '58. (MIRA 12:2)

(Viscosity)

(Xylol)

(Hexane)

RADOHENKO, M.G.; ZABELINA, Z.V.; SERGEYEV, V.S.

Bacteriological indices for cold hor~~o~~i'oeuvres. Vop.
pit. 21 no.2:86-87 Mr-Apr '62. (MIRA 15:3)

1. Iz Nauchno-issledovatel'skoy i Tsentral'noy sanitarno-
pishchevoy laboratorii Upravleniya obshchestvennogo pitaniya,
Leningrad.

(FOOD--MICROBIOLOGY)

ZABELINSKIY, F.

Control over wage fund disbursements. Den. 1 kred. 18 no.9:63-66
8 '60. (MIRA 13:8)

1. Starshiy kreditnyy inspektor Volynskoy kontory Gosbanka.
(Volyn' Province—Wages)
(Volyn' Province—Banks and banking)

MOTOV, A.V.; ZABELKIN, A.D.

Reorganization of the outside pneumatic tube transportation
between factory buildings. Der.prom. 10 no.6:21-22 Je '51.

(MIRA 14:7)

1. Moskovskiy mebel'no-sbornochnyy kombinat No.2.
(Moscow--Furniture industry) (Pneumatic--Tube transportation)

ZABELKIN, A.D.

Pneumatic tube transportation with horizontal dust collectors.
Der.prom. 10 no.11:25-26 N '61. (MIRA 14:10)

1. Moskovskiy mebel'no-sbornochnyy kombinat No.2.
(Pneumatic tube transportation)

ZABELKOVA, Z., Dr.; JANULA, J., Dr.

Sedatives and hypnotics in therapy of itching and itching dermatoses. Prakt. lek., Praha 35 no.14:315-316 20 July 55.

1. Kosni klinika MU v Brno, prednosta prof. Dr. Tryb.
(PRURITUS, therapy
hypnotics & sedatives)
(HYPNOTICS AND SEDATIVES, ther. use
pruritus)

ZABELKOVA-LECIAKOVA, Z.

(4208)

ZFarmakologickeho Ustavu Lekarske Fakulty Masarykovy University v Brne. Antitoxicky ucinek drasliku pri otrave srdce digitalisem Antitoxic effect of potassium salts in the heart poisoned with digitalis Lekarske Listy 1949, 4/3 (65-67)
Illus.4

Cardiotonics (digalen, strophanthin) applied in high dosage to the isolated frog heart, lead to complete cessation of beating. Without some external measure the heart does not recover. The toxic action of cardiotonics can be abolished with potassium salts. Such toxic action of cardiotonics was removed by radium emanation, used either directly in Ringer's solution or indirectly with irradiation of a capillary outside from the heart. Poisoning of heart with cardiotonics thus shows the same features as poisoning with calcium. The experiments confirm the theory that the cardiotonics act solely by virtue of calcium ions.

Kolda-Fragus

So; Excerpta Medica, Vol. II, No 8, Section II, August 1949

KITSAK, N.A., inzh.; ZABELLA, K.A., inzh.

Radial guy bridge in Kiev. Transp. stroi. 14 no.3:14-16
Mr '64. (MIRA 17:6)

AGAFONOV, A.K., kand. ekon. nauk; KONONENKO, V.I.; VASILENKO, G.K.;
KAZAK, V.Ye.; ZABELLA, V.I.; BORYAKIN, V.N., red.

[Price determination in the machinery industry] TSenoobrasovanie
v mashinostroenii, Kiev, Naukova dumka, 1965. 259 p.

(MIRA 18:11)

1. Akademiia nauk URSR, Kiev. Instytut ekonomiky.

KARELIN, D.; ZABELLO, A.V., nauchnyy redaktor; DZHALABEKOVA, L.A.,
redaktor; SUSLENNIKOVA, N.M., tekhnicheskiiy redaktor.

[Seas of our country; essays in the physical geography and
exploration of the seas of the U.S.S.R.] Moria nashoi Rodiny;
ocherki po fizicheskoi geografii i istorii issledovaniia morei
SSSR. Leningrad, Gos. izd-vo detskoi lit-ry Ministerstva prosve-
shcheniia RSFSR, 1954. 342 p. (MLRM 7:12)
(Hydrography)

SHEMPEN, V.I.; ZABELLO, D.A.

[Most important results of scientific research in recent years]
Vashneishie itogi nauchnykh issledovaniy za poslednie gody. Minsk,
Akademiya nauk BSSR, 1955. 38 p. (MLBA 10:3)
(Agricultural research)

ZABELLO, D. A.

USSR/Cultivated Plants. Fodder Plants.

11

Abstr Jour : Ref Zhur-Biol., No 15, 1958, 68241

Author : Zabello, D. A.

Inst : AS Byelorussian SSR.

Title : The Influence of Sowing Methods and Sowing
Density on the Yield of Corn Green Mass.

Orig Pub : V sb.; Kukuruz v BSSR. Minsk, AN BSSR, 1957,
294-296

Abstract : A study was made of the effects of the following
sowing methods on corn yields: square nest (70
x 70 cm) with 8 grains in a nest, and 80 x 60
and 50 x 50 cm with 6 grains in a nest; broad
row, with 60 cm between the rows and 50 kg of
seed per hectare, with 50 cm between rows and
60 kg of seed per hectare, and with 40 cm between

Card : 1/2

USSR/Cultivated Plants. Fodder Plants.

M

Abs Jour : Ref Zhur-Biol., No 15, 1958, 68241

ween rows and 75 kg of seed per hectare. Each variant was harvested on three dates. The crops were sown on land previously planted with perennial grasses, plowed in autumn, and fertilized with a 1 : 1 peat manure mixture (40 tons/hectare) and with $N_{45}P_{60}K_{60}$. The most intensive growth of green mass and the highest yield of corn were obtained from wide-row sowings with 40 centimeters between rows and 75 kilograms of seed per hectare. In this case, 204.5 centners/hectare of green mass were obtained from the principal mowing if it was done on 5 August, 539.3 centners, if mowing was done on 20 August, and 567 centners, if mowing was done on 5 September. -- T. I. Karolin

Card : 2/2

ZABELLO, D.A.

USSR/Meadow Cultivation.

L.

Abs Jour : Ref Zhur - Biol., No 21, 1958, 95877

Author : Zabello, D.A.

Inst : Belorussian Scientific-Research Institute of Agriculture

Title : Influence on the Productivity of Seeded Pastures of Organic Fertilizers Superficially Applied.

Orig Pub : Byul. nauchno-tekhn. inform. Belorussk. n.-i. in-t sem-ledol., 1957, No 1, 40-42.

Abstract : No abstract.

Card 1/1

ZAHELLO, D. A. kandidat sel'skokhozyaystvennykh nauk; ROZENBLYUM, B.M.,
kandidat sel'skokhozyaystvennykh nauk.

Means of strengthening the feed supply on collective farms in the
White Russian S.S.R. Zemledelie 5 no.5:24-31 My '57. (MLBA 10:7)
(White Russia--Feeding and feeding stuffs)

^A
ZABELLO, D., kand. sel'skokhozyaystvennykh nauk.

inexpensive forage. Nauka i pered. op. v sel'khoz. 8 no. 4:26-27
Ky '58. (MIRA 11:5)

1. Belorusskiy nauchno-issledovatel'skiy institut zemledeliya.
(Pastures and meadows)

ZABELLO, D.A.

"The Influence of Grazing on the Productivity and change of
Botanical Composition of Various Grass Mixtures."

Belorussian Scientific Research Inst. of Agriculture

report to be presented at the 8th Intl Grassland Congress, Reading, England, 11-21 Jul '60

ZABELLO, K.L.

Soil moisture dynamics and changes in the living soil covering
as related to the age of pine stands. Sbor. nauch. rab. Bel.
otd. VBO no.3:178-184 '61. (MIRA 14:12)
(Soil moisture) (Forest ecology)

Country : USSR
 Category : Forestry. Biology and Typology of the Forest. K
 Abs Jour : RZhBiol., No 6, 1959, No 24700
 Author : Rogovoy, P. P.; Zabello, K. L.
 Inst : Belorussian Forest-Engineering Institute.
 Title : Nitrogen Nutrition of Pine Stands Growing on Light, in Mechanical Composition, Peaty-Podzol Soils.
 Orig Pub : Sb. nauch. rabot Belorussk. lesotekhn. in-t, 1958, vyp. 9, 59-71
 Abstract : Investigations on the clarification of total and hydrolizable N reserve contents in the soil, its mobility and dynamics in the soil horizons according to the seasons of the year, were conducted on eight experimental areas in 4-year-old pine forests of the Negroresl.

Card : 1/3

Country : USSR
Category : Forestry. Biology and Typology of the Forest.

K

Abs Jour : RZhBiol., No 6, 1959, No 24700

Author :

Inst :

Title :

Orig Pub :

Abstract : Scientific-Experimental State Forest Economy.
Data of the mineral N content in soils are submitted. Analytical materials on the experimental areas are presented in 6 tables. It was deduced that peaty-podzol soils, light in mechanical composition, under pine stands are deficient in N and are in need of nitrogen fertilization; in summer, a great diminution

Card : 2/3

Country : USSR
Category : Forestry. Biology and Typology of the Forest.

K

Abs Jour : RZhBiol., No 6, 1959, No 24700

Author :

Inst :

Title :

Orig Pub :

Abstract : of total N (absorbed by the plants) is noted, and towards September N is replenished. The mobility of soil N is higher in summer than in the spring and autumn; mineralization of the nitrogen compounds proceeds to the formation of ammonia, and in clearings partial nitrification takes place. In the soils, under investigation, the mineral forms of N are very insignificant.

Card : 3/3

ZABELLO, K. L.

ZABELLO, K. L. -- "The Elements of Soil Nutrition of Plants and Their Effect on the Productivity of Pine Plantations under the Conditions of the Mogoreloye Teaching-Experimental Leskhoz of the Belorussian Forestry Engineering Inst imeni S. M. Kirov." Min Higher Education USSR. Belorussian Forestry Engineering Inst imeni S. M. Kirov. Minsk, 1955. (Dissertation for the Degree of Candidate in Agricultural Sciences)

SO: Knizhnaya Letopis', No 1, 1956

ZABELLO, K.L., kand. sel'skokhozyaystvennykh nauk

Free potassium in soils of the Negoreloya Experimental Forest.
Sbor.nauch.trud.BITI no.10:181-187 '57. (MIRA 11:12)
(Negoreloya--Forests and forestry--Experimental areas)
(Potassium) (Soil chemistry)

ZABELLO, K.L., kand.sel'skokhozyaystvennykh nauk

Free phosphoric acid (P_2O_5) in turf-Podzolic soils of
light mechanical composition of the Negoreloye Forest
Training and Experiment Station of the White Russian
Institute of Wood Technology. Sbor. nauch. trud. BLTI
no.11:166-174 '58. (MIRA 15:12)

(Negoreloye region--Podzol)

(Phosphoric acid)

(Soils--Phosphorus content)

COUNTRY	: USSR	L
CATEGORY	: Meadow Cultivation.	
AB3. JOUR.	: RZhBiol., No.23, 1958, No.105583	
AUTHOR	: Zabello, L. A., Rozenblyum, B. N.	
INST.	: -	
TITLE	: Methods of Enhancing Forage Reserves at the Kolkhozes of Belorussian SSR.	
ORIG. PUB.	: Zemledeliye, 1957, No. 5, 24-31	
ABSTRACT	: Examined are the state of the hay fields and pastures, and production costs of the forage unit of perennial and annual grasses, and of the forage and grain crops in Belorussian SSR. Results of measures for the improvement of meadow-pasture lands and introduction of forage crops, obtained by scientific and research institutions and kol-khozes are cited. Further measures are being planned for the improvement of the forage reserves of Belorussian SSR.	

Card: 1/1

PEYSAKHON, B.M., kandidat tekhnicheskikh nauk; ZABELLO, M.L., redaktor.

[Problems of electric railroad operation] Voprosy eksploatatsii elektricheskikh zheleznnykh dorog. Moskva, Gos. transportnoe zhelezno-dorozhnoe izd-vo, 1952. 122 p.

(MLRA 6:8)

(Electric railroads--Management)

ZARELLO, M.L., kandidat tekhnicheskikh nauk; KREZHOVA, E.V., inzhener; PRYSKIN-
ZON, B.E., kandidat tekhnicheskikh nauk, redaktor; YUDZON, D.M., tekhnicheskiiy redaktor.

Organizing the transport of perishable goods. Trudy TSNII MPS no. 93:
3-115 '54. (MIRA 8:6)
(Railroads--Freight) (Refrigerator cars)

Забелько, И.И.
 БИКИШЕВИЧ, И.И., кандидат технических наук; БОДИН, Н.М., кандидат
 технических наук; БУКОВ, Ю.И., инженер; ВЛАДОВ, И.И., кандидат
 технических наук; ГРИТЦЕВСКИЙ, Н.Я., инженер; ГРУНЕН, Л.О.,
 инженер; ГУРВИЧ, В.О., инженер; ДАВЫДОВ, В.Н., инженер; ЕР-
 ШОВ, И.М., кандидат технических наук; ЗАСОРИН, С.Н., кандидат
 технических наук; ИВАНОВ, И.И., кандидат технических наук;
 КРАУКЛИС, А.А., инженер; КРОТОВ, Л.Б., инженер; ЛАПИН, В.Б.,
 инженер; LASTOVSKIY, V.P., dotsent; LATUNIN, N.I., инженер;
 MARKVARDT, K.G., professor, doktor технических наук; МАКHAТЛОВ,
 М.И., professor, doktor технических наук; МИКАНЦОВ, В.А., инже-
 нер; ОСКОЛКОВ, К.Н., инженер; ОКНОШИН, Л.И., инженер; ПАРФЕНОВ,
 К.А., dotsent, кандидат технических наук; ПЕРТЦОВСКИЙ, Л.М.,
 инженер; ПОПОВ, И.П., инженер; ПУСШЕВ, В.О., инженер; РАТNER,
 М.П., инженер; РОССИЙВСКИЙ, О.И., dotsent, кандидат технических
 наук; РYКОВ, И.И., кандидат технических наук; РYSHKOVSKIY, I.Ya.,
 dotsent, кандидат технических наук; РYABKOV, A.Ya., professor
 [deceased]; TAGER, S.A., кандидат технических наук; KHAZEN, M.M.,
 professor, doktor технических наук; CHERNYSHOV, M.A., doktor
 технических наук; МУН, Л.Я., professor, doktor технических наук;
 YURENEV, B.I., dotsent; AKSENOV, I.Ya., dotsent, кандидат
 технических наук; ARKHANGELSKIY, A.S., инженер; BARTENEV, P.V.,
 professor, doktor технических наук; БЕРНГАРД, К.А., кандидат
 технических наук; БОРДОВ, Н.Я., dotsent, кандидат технических наук;
 БОГДАНОВ, И.А., инженер; БОГДАНОВ, Н.К., кандидат техниче-
 ских наук; ВИБНИЧЕНКО, Н.О., dotsent, кандидат экономических наук;
 (Continued on next card)

BEHRESEVICH, I. I. --- (continued) Card 2.

EVICH, I.I., --- (continued) Card 2.
VASIL'YEV, V.F.; GONCHAROV, N.G., inzhener; DENIBAS, A.T., inzhener;
DOBOUSHEL'SKIY, K.M., dotsent, kandidat tekhnicheskikh nauk; DLUGACH,
B.A., kandidat tekhnicheskikh nauk; YEFIMOV, G.P., kandidat tekhnicheskikh nauk;
ZEMBLINOV, S.V., professor, doktor tekhnicheskikh nauk; ZABELLO, M.L., kandidat tekhnicheskikh nauk;
KARWENIKOV, A.D., kandidat tekhnicheskikh nauk; KAPLUN, F.Sh., inzhener; KANSHIN, M.D.; KOCHNEV, P.P.,
professor, doktor tekhnicheskikh nauk; KOGAN, L.A., kandidat tekhnicheskikh nauk;
KUCHURIN, S.F., inzhener; LEVASHOV, A.D., inzhener; MAKSIMOVICH, B.H., dotsent, kandidat tekhnicheskikh nauk; MARTYNOV,
M.S., inzhener; MEDAL', O.M., inzhener; NIKITIN, V.D., professor, kandidat tekhnicheskikh nauk;
PADNYA, V.A., inzhener; PANTILEYEV, P.I., kandidat tekhnicheskikh nauk; PETEROV, A.P., professor, doktor tekhnicheskikh nauk;
POVOROZHENKO, V.V., professor, doktor tekhnicheskikh nauk; PISKAREV, I.I., dotsent, kandidat tekhnicheskikh nauk;
SIMONOV, K.S., kandidat tekhnicheskikh nauk; SIMANOVSKIY, M.A., inzhener; SUYAZOV, I.G., inzhener;
TALDAYEV, F.Ya., inzhener; TIKHONOV, K.K., kandidat tekhnicheskikh nauk; USHAKOV, N.Ya., inzhener;
USEVSKIY, V.K., inzhener; FEL'DMAN, E.D., kandidat tekhnicheskikh nauk; PERAPONTOV, G.V., inzhener;
KHOKHLOV, L.P., inzhener; CHERNOHODIK, G.I., professor, doktor tekhnicheskikh nauk;
SHAMAYEV, M.F., inzhener; SHAFIRKIN, B.I., inzhener; YAKUSHIN, S.I., inzhener;
GRANOVSKIY, P.G., redaktor; TISHCHENKO, A.I., redaktor; ISAYEV, I.P., dotsent, kandidat tekhnicheskikh nauk, redaktor;
KLINOV, V.Z., dotsent, kandidat tekhnicheskikh nauk.
(Continued on next card)

BENESHEVICH, I.I.--- (continued) Card 3.

nauk, redaktor; MAHKOV, M.V., inzhener, redaktor; KALININ, V.K.,
inzhener, redaktor; STHPANOV, V.N., professor, redaktor; SIDOROV, N.I.,
inzhener, redaktor; GHRONIKUS, B.Ye., kandidat tekhnicheskikh nauk,
redaktor; ROBNL', R.I., otvetstvennyy redaktor

[Technical reference manual for railroad engineers] Tekhnicheskii
spravochnik zheleznodorozhnika. Moskva, Gos. transp.zhel-dor. izd-vo.
Vol.10. [Electric power supply for railroads] Energosnabzhenie zhelez-
nykh dorog. Otv.red. toza K.G.Markvardt. 1956. 1080 p. Vol.13.

[Operation of railroads] Eksploataatsia zheleznnykh dorog. Otv. red.
toza R.I.Robel'. 1956. 739 p. (MLRA 10:2)

1. Chlen-korrespondent Akademii nauk SSSR (for Petrov)
(Electric railroads) (Railroads--Management)

ZABELLO, M.I., kandidat tekhnicheskikh nauk; MEZHOVA, R.V., kandidat
tekhnicheskikh nauk.

Increasing the speed of time-freight trains. Vest. TSNIZ MPS 15 no.
1:48-52 Ag '56. (MLRA 9:12)

(Railroads--Freight)

NIKITIN, Vladimir Dmitriyevich; MEL'NIK, Aleksandr Lukich; ZABEJLO, Mariya
L'vovna; DLUGACH, Boris Abramovich; GOL'DENTUL, Boris Aronovich;
PRIGOROVSKIY, V.P., red.; KHITROV, P.A., tekhn.red.

[Marshaling yards of railroads in other countries] Sortirovochnye
stantsii zarubezhnykh zheleznnykh dorog. Moskva, Gos. transp.
zhel-dor. izd-vo, 1957. 174 p. (MIRA 11:5)
(Railroads--Hump yards)

ZABELLO, M.L., kand.tekhn.nauk; BAYESKO, M.F., red.; BOBKOVA, M.N., tekhn.red.

[Switching operations on railroads] Manevrovaya rabota na zheleznykh dorogakh. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 232 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no.160) (MIRA 11:9)
(Railroads--Switching)

LEBEDEVA, T.P.; STRAKOVSKIY, I.I.; TISHKOV, L.D.; LOMAKINA, N.N.;
ZABELLO, M.L.; SADIKOV, P.P.; PETRUNENKOV, A.Ye.; BELENOV, V.K.;
ARUTYUNOV, V.A., inzh., retsenzent; PETROVA, V.L., inzh., red.;
BOBROVA, Ye.N., tekhn.red.

[Basic requirements related to the technical equipment of
classification yards] Osnovnye trebovaniia k tekhnicheskomu
osnashcheniiu sortirovochnykh stantsii. Moskva, Transzheldorizdat,
1963. 218 p. (Its TRUDI, no.270). (MIRA 17:3)

CHERNOMORDIK, Grigoriy Il'ich; ZUBOV, I.V., inzh., retsenzent;
FEL'DMAN, E.D., kand. tekhn. nauk, retsenzent; ZABELLO,
M.L., kand. tekhn. nauk, red.; BOKROVA, Ye.N., tekhn. red.

[Increase of train speeds] Povysheniya skorostei dvizheniia
poezdov. Moskva, "Transport," 1964. 200 p.

(MIRA 17:2)

VEBER, I.R.; PEYSAKHZON, B.E., kand. tekhn. nauk, retsenzent;
PERMINOV, A.S., inzh., retsenzent; ZABELLO, M.L., kand.
tekhn. nauk, red.; BOBROVA, Ye.N., tekhn.red.

[Weight and speed of freight trains; potentials for their
increase] Ves i skorost' gruzovykh poezdov; rezervy ikh
povysheniia. Moskva, Transzheldorizdat, 1963. 99 p.
(MIRA 17:2)

MAKAROVICHIN, Andrey Mikhaylovich; SVIRIDOV, Viktor Mikhaylovich;
TIKHONOV, Konstantin Kus'mich; ZABELLO, M.L., kand.tekhn.
nauk, red.; KHITROVA, M.A., tekhn.red.

[Resources for improving the operations of railroad divisions]
Reservy uluchsheniia eksploatatsii i raboty otdelenii
dorogi. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-vn putei
soobshcheniia, 1960. 63 p. (MIRA 13:6)
(Railroads--Management)

ZABELLO, S., gornyy inzh., referent.

Characteristics of rock shattering by blasting (from foreign journals).
Abstracted by S. Zabello. Gor. zhur. no.2:38-39 F '58. (MIRA 11:3)
(Blasting)

SORIN, Yakov Mikhaylovich; ZABELLO, S.S., inzh., nauchnyy red.; DEMINA,
G.A., red.; PERSON, M.N., tekhn.red.

[Radio electronics in technology] Radioelektronika v tekhnika.
Moskva, Vses.uchabno-pedagog.izd-vo Trudrezervizdat, 1959.
93 p. (MIRA 12:10)
(Radio) (Electronic apparatus and appliances)

PONOMARENKO, F.M., prof.; SKIRTA, O.M.; ZABELLO, Ye.M., aspirant

Amyloidosis of the liver in ducks. Veterinariia 41 no.9:79-
82 S '64. (MIRA 18:4)

1. Ukrainskaya ordena Trudovogo Krasnogo Znameni sel'skokhozyayst-
vennaya akademiya. 2. Starshiy laborant Ukrainskoy ordena Trudovogo
Krasnogo Znameni sel'skokhozyaystvennoy akademii (for Skirta).

ZABELLO, Z.I.; PEKKER, M.Z.; BEREZKIN, Yu.I., red.; KISLYAKOVA,
M.N., tekhn. red.

[Expediency in the plant kingdom] TSelesoobraznost' v
rastitel'nom mire. Minsk. Izd-vo M-va vysshego, srednego
spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962.
101 p. (MIRA 16:11)

(Botany--Philosophy)

PHASE I BOOK EXPLOITATION

501/4689

Ashkerov, V. P., B. G. Zabelok, Ye. I. Kalugin, and L. P. Shevchenko

Voyska protivovozdushnoy oborony strany (Air Defense Forces of the Country)
Moscow, Voenizdat, 1960. 217 p. No. of copies printed not given. (Series:
Biblioteka ofitsera)

General Ed.: P. K. Demidov; Ed.: P. V. Fesenko; Tech. Ed.: T. P. Myasnikova.

PURPOSE: This book is intended for officers of the Soviet Armed Forces, from
platoon leader to regimental commander, who are not specially trained in air
defense.

COVERAGE: The book deals with active air defense both in the Soviet Union and
in other countries, presenting past development and present state. The role
of air defense in the overall defense organization of a country is described.
Principles governing use of air defense facilities are given. Sections 3 and
4 of Chapter IV are based on non-Soviet press information. G.S. Desnitskiy

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Air Defense Forces of the Country

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and A. N. Kochurov took part in the writing of the book. There are 17 references, all Soviet (8 translations into Russian).

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Card 2/4

ASHKEROV, V.P., polkovnik; ZABELOK, B.G., polkovnik

Training critique. Vest. protivovozd. obor. no.5:13-14 (MIRA 14:7)

Ky '61.

(Military education)

ASHKEROV, V.P.; ZABELOK, B.G.; KALUGIN, Ye.I.; SHEVCHENKO, L.P. Prinsipali
uchastkiye: DESHITSKIY, G.S.; KOCHUROV, A.N.. DEMIDOV, P.K., red.;
YESSENKO, P.V., red.; MYASHNIKOVA, T.F., tekhn.red.

[Air-defense forces] Voiska protivovozdushnoi oborony strany.
Pod obshchei red. P.K.Demidova. Moskva, Voen.izd-vo M-va obor.
SSSR, 1960. 217 p. (MIRA 13:9)
(Air warfare)

POLYAK, A.A.; MARTYSHEVA, G.A.; SOLODOVNIKOV, V.G.; BRAGINA, Ye.A.;
KONDRAT'YEV, V.A.; UL'RIKH, O.D.; ZABLITSKAYA, A.I.;
SAVEL'YEV, N.A.; POKATAYEVA, T.S.; AVARIN, V.Ya., otv.red.;
PANTELEYEV, V.I., red.izd-va; ASTAF'YEVA, G.A., tekhn.red.

[Industrialization problems of the sovereign underdeveloped
countries of Asia (India, Indonesia and Burma)] Problemy in-
dustrializatsii suverennykh slaboranvitykh stran Azii (Indiya,
Indoneziya, Birma). Moskva, Izd-vo Akad.nauk SSSR, 1960.
436 p. (MIRA 14:2)

1. Akademiya nauk SSSR. Institut mirovoy ekonomiki i mezhdunarodnykh otnosheniy. 2. Sektor stran Yugo-Vostochnoy Azii i Dal'nego Vostoka Instituta mirovoy ekonomiki i mezhdunarodnykh otnosheniy Akademii nauk SSSR (for all except Avarin, Panteleyev, Astaf'yeva).
(Asia, Southeastern--Industrialization)

ZABOLOTSKAYA, Ye.V.; GANTMAKHIER, A.R.; MEDVEDEV, S.S.

Polymerization of styrene under the influence of complex
catalysts. Vysokom. soed. 2 no.8:1213-1220 Ag '60.
(MIRA 13:9)

1. Fiziko-khimicheskiy institut im. L.Ya.Karpova.
(Styrene) (Catalysts) (Polymerization)

BORTSOV, Aleksandr Yevgen'yevich; ZABELITSKIY, A.I., retsengent;
BARSHAY, M.M., nauchnyy red.; KLIMINA, Ye.V., red. izd-va;
ERASTOVA, N.V., tekhn. red.; KRYAKOVA, D.M., tekhn. red.

[Lighting equipment of ships] Sudovaya avtotekhnika. Izd. 2.,
dop. i perer. Leningrad, Suupromgiz, 1963. 242 p. (MIRA 16:6)
(Ships' lights) (Electricity on ships)

1ST AND 2ND CROZES		PROCESSING AND PROPERTIES INDEX		3RD AND 4TH CROZES	
<p>Experiments on the spinning of casain fibers of Russian manufacture in carded wool and cotton systems. L. M. Zabelotkii. <i>Lekaya Prom.</i> 16, No. 10, 66-70 (1937); <i>Chim. Zash.</i> 1938, II, 982-3. Microsections of casain fibers of Russian manuf. were nearly circular, similar to wool fibers. Tests of titer, strength and expansion indicated losses of up to 67% in the moist condition, while the loss for viscose staple fiber is only 45-50% (this is true for the Russian fibers and Lasilal). The resistance to creasing corresponds to that of natural silk and is less than that of wool. The quality of mixed casain fiber and wool yarn is inferior to that of wool yarn. The loss of tensile strength of the yarn when wet is 55% and is therefore much more than that of wool yarn. Difficulties are encountered in the dyeing of the mixed fabrics; the temp. must not be above 60°. Casain fiber can be used in the spinning of mixts. with wool according to the carded wool system and in mixts. with cotton according to the English cotton textile system. The quality of the yarn from casain fiber-wool fiber mixts. corresponds in external characteristics to that of wool yarn of the same no. The strength of the mixed yarn, however, is less in both wet and dry conditions. The quality of casain fiber-cotton yarn corresponds externally to that of carded wool and is definitely superior to that of cotton yarn. The titer of the casain fibers should amt. to up to 2.5 denier and the surface should be free from excess gloss. M. G. Moore</p>					
<p>APP. 1.1.1 METALLURGICAL LITERATURE CLASSIFICATION</p>					
<p>11500 01000000 100000 110 000 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000</p>					

METALLURGICAL LITERATURE CLASSIFICATION									
EXPERIMENTAL DIVISION					RESEARCH DIVISION				
100000 000 000 000 000					100000 000 000 000 000				
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Use of casein fibers in the manufacture of fine woolsens.
 L. M. Zabolotski. *Laplova Prom.* 12, No. 8, 73-0,
 (1937). *Chemie et Industrie* 43, 330.—Weaving wool with
 30-35% of casein fiber offers no difficulty, but the fabric
 is weaker than the corresponding pure wool fabric; but a
 50-50 casein-wool fabric still meets the necessary speci-
 fications. Mixed casein-wool fabrics can be dyed in the
 same way as pure wool fabrics, and the light fastness is
 independent of the proportion of casein fiber.
 A. Poutreau-Couture

ZABELOTSKIY, L.M., kandidat tekhnicheskikh nauk.

Eliminating defects in twisted silk. Tekst.prom.14 no.1:27-30

Ja '54.

(MLRA 7:2)

(Silk thread)

ZABELOTSKIY, L.M., kandidat tekhnicheskikh nauk

We should utilize yarn properties which correspond to the destination of the finished product. Tekst.prom.15 no.7:34-36 JI'55.
(Yarn) (MLRA 8:10)

KRUPENINA, M.M.; FEL'DMAN, A.Ya.; ZABELOVSKIY, I.M.; HUBKOV, P.I., red.;
SHEAL', N.M., red.; DMITRIYVA, N.I., tekhn. red.

[Yarn beam frame without tensioning tent for ribbon looms] Bes-
shatrovala navoinala rama k lentotkatukomu stanku. Moskva, Gos.
nauchno-tekhn. izd-vo M-va legkoi promyshl. SSSR, 1956. 34 p.
(MIRA 11:10)

1. Russia (1923- U.S.S.R.) Ministerstvo legkoy promyshlennosti.
Byuro tekhnicheskoy informatsii.
(Looms)

ZABELOTSKIY, L., kandidat tekhnicheskikh nauk.

Automatic warp feed on ribbon looms. Leg.prom. 15[1.e. 16] no.6:
52 Je '56. (ICLBA 9:8)

(United States--Looms)

ZABELOTSKIY, L.

Bobbin battery of new design. (From "Textile Recorder" no. 12,
1955). Leg. prom. 16 no. 7:56 J1 '56. (MLBA 9:10)

(Bobbins (Textile machinery))

ZABELOTSKIY, L.

ZABELOTSKIY, L., referent

Production of ribbons and fabrics without weaving. (from "Textile
Manufacturer" no.5, 1956, Man-Made Textiles" no.5, 1956). Leg.prom.
16 no.10:60-61 0 '56. (MIRA 10:12)

(United States--Textile industry)

ZABELOTSKIY, L., kandidat tekhnicheskikh nauk.

Uniform warp feed on ribbon looms (from "Silk and Rayon"
no. 11, '56). Leg. prom. 17 no.1:56 Ja '57. (MLRA 10:2)

(Great Britain--Looms)

ZABELOTSKIY, L.M., kandidat tekhnicheskikh nauk.

Cutting fabric for the production of insulating tape. Log.prom. 17
no.3:48-50 Mr '57. (MLRA 10:4)

(Electric insulation and insulators)

ZABELOTSKIY, Izrael' Markovich; KUZ'MIN, Aleksandr Nikolayevich; FIL'DMAN,
Aleksandr Yakovlevich; APTERIN, V.I., retsenzent; PLEBYANSEIKOV,
M.N., red.; GRACHE, A.M., red.; KOGAN, V.V., tekhn. red.

[Reference manual for the manufacture of spun and woven goods;
ribbon and braid weaving] Spravochnik po tekstil'no-galantersinomu
proizvodstvu; lentokachestvo i pletenie. Moskva, Gos. nauchno-
tekhn. izd-vo lit-ry po legkoi promyshl., 1958. 565 p.
(Textile machinery) (Weaving) (Spinning) (MIHA 11:9)

ZABELOTSKIY, L.M., kand.tekhn.nauk

New spinning systems in the silk industry. Biul.tekh.-ekon.
inform.Gos.nauch.-issl.inst.nauch. i tekhn.inform. 16 no.10:
68-71 '63. (MIRA 16:11)

USENKO, Vladimir Andreyevich, prof., doktor tekhn. nauk; ZABELOTHIY,
Lazar' Markovich, kand. tekhn. nauk; KUNTSEVICH, V.A., inzh.,
retsenzent; ZVEZDKINA, Ye.V., inzh., retsenzent; IZRAIDOV,
S.S., kand. tekhn. nauk, retsenzent; SHTEYNGART, M.D., red.;
BATYREVA, G.G., tekhn. red.

[Silk technology] Tekhnologiya shelka. Pod red. V.A.Usenko.
Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR. Pt.2. [Silk spin-
ning] Shelkopriadenie. 1961. 343 p. (MIRA 15:2)
(Silk) (Spinning)

ZABELOTSKIY, Yu.L.

Multiple die with a hydroplastic filler. Mashinostroitel'
no.11:20 '65. (MIRA 18:11)

ZABEL'SKIY, A. S.

PA 152T74

USSR/Nuclear Physics - Beta-Decay

Radium

Dec 49

"The Beta-Decay of RaB," A. S. Zabel'skiy, G. Ye. Ushakov, S. Kh. Matukhevsky, 5 pp

"Zhur Eksper 1 Teoret Fiz" Vol XIX, No 12

Investigates disintegration of RaB. Shows the beta-spectrum of RaB is quite complex. Determines upper limits of partial beta-spectrum. Studies gamma-ray conversion, which accompanies the decay of RaB. Measures absorption of these gamma-rays, and investigates absorption of the electrons of RaB and RaD. Measurements of the

152T74

USSR/Nuclear Physics - Beta-Decay
(Contd)

Dec 49

beta-spectrum of RaB indicate the presence of a large number of slow electrons, which fact does not find room in the framework of Fermi's theory. This is proved by experiments on the absorption of electrons due to decay. Submitted 18 Jul 49.

152T74

ZABELYSHINSKIY, I.M.

"Reserves of Labor Productivity in
Nonferrous Metallurgy", *Tsvet. Met*
14, No. 9, September 1939.

Report U-1506, 4 Oct 1951

ZABLYSHINSKIY, I.M.

"For a Further Production in Nonferrous
Metallurgy", Tsvet. Met. 14, No. 10-II
October-November 1939.

Report U-1506, 4 Oct. 1951

ZABELYZHINSKIY, I.

USSR/Trade Unions 5405. Oct 1947
Nonferrous Metallurgy 4205.0504

"Competition Among Skilled Workers and Technical Engineers in Nonferrous Metallurgical Plants," I. Zabelyzhinskiy, 3 pp

"Prof Soyuz" No 10

Exchange of suggestions among various plants, visits of specialized personnel from other nonferrous metallurgical plants, and proper training of workers by trade union schools considerably lowers costs and increases efficiency of production. Some plants mentioned in article are: Balkhash copper smelting plant, Alavard copper smelting plant in Armenia, Khar'kov

12070

USSR/Trade Unions 5405. (Contd) Oct 1947

second nonferrous metals plant, Moevtommet (second Moscow metallurgical plant), Kalibr, and Ural Alumina Plant.

10

12070

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ZABELYSHINSKIY, I. M.

PA 18T47

USSR/Ore Deposits
Mineral Deposits

Jan 1947

"Competition of Shaft-sinking Brigades," I. M.
Zabelyshinskiy, 4 pp

"Gornyy Zhurnal" Vol CXXI, No 6

Historical article on efforts of shaft-sinking
brigades at the Severo-Uralsk bauxite mines in the
All-Union competition of shaft-sinking brigades.

18T47

ZARELYSHINSKIY, I.M.

Innovators in the nonferrous metallurgy. Biul TSIIN tsvet. met.
no.19/20:5-12 '57. (MIRA 11:5)

(Nonferrous metals—Metallurgy)

TYURYAKOV, A.F.; KUKHRANOVA, G.M.; TARUBAROV, I.G.; ZARELYSHINSKIY, I.M.;
DERGUNOVA, A.A.; KLEYNERMAN, D.A.

Results of administrative and economic activity in nonferrous metal
industries in 1957; from annual reports. Biul. TSIIN tsvet. met.
no. 7:30-36 '58.

(Nonferrous metal industries)

(MIRA 11:7)

AZOS, S.; ARKIF'YEV, A.; ARTAMONOV, I.; BABINA, I.; BERNIKOVSKIY, V.; BLOKHKO, V.;
 BRAVERMAN, A.; BYKHOVSKIY, Yu.; VINOGRADOVA, M.; GALANTINA, Ye.;
 GIL'DENKERSH, P.; GLORA, T.; GREYVER, N.; GORDON, G.; GUL'DIN, I.;
 GULYAYEVA, Ye.; GUSHCHINA, I.; DAVIDOVSKAYA, Ye.; DAMSKAYA, G.;
 DERKACHEV, D.; YEVDOKIMOVA, A.; YMGUNOV, V.; ZABELYSHINSKIY, I.;
 ZAYDENBERG, B.; AZMOSHNIKOV, I.; ITKINA, S.; KARCHEVSKIY, V.;
 KLUSHIN, D.; KUVINOV, Ye.; KUZNETSOVA, G.; KURSHAKOV, I.;
 LAKERNIK, M.; LEYZEROVICH, G.; LISOVSKIY, D.; LOSKUTOV, F.;
 MALEVSKIY, Yu.; MASLYANITSKIY, I.; MAYANTS, A.; MILLER, L.;
 MITROFANOV, S.; MIKHAYLOV, A.; MYAKINENKOV, I.; NIKITINA, I.;
 NOVIN, R.; OGNEV, D.; OL'KHCY, N.; OSIPOVA, T.; OSTRONOV, M.;
 PAKHOMOVA, G.; PETKER, S.; PLAKSIN, I.; PLETENEVA, N.; POPOV, V.;
 PRESS, Yu.; PROKOP'YEVA, Ye.; PUCHKOV, S.; REZKOVA, F.; HUMYANTSIEV, M.;
 SAKHAROV, I.; SOBOL', S.; SPIVAKOV, Ya.; STRIGIN, I.; SPIRIDONOVA, V.;
 TIMKO, Ya.; TITOV, S.; TROITSKIY, A.; TOLOKONNIKOV, K.; TROFIKOVA, A.;
 FIDOROV, V.; CHIZHIKOV, D.; SHINY, Ya.; YUKHTANOV, D.

Roman Lazarevich Veller; an obituary. TSvet. met. 31 no. 5:78-79
 My '58.

(Veller, Roman Lazarevich, 1897-1958) (MIRA 11:6)

ZABELYSHINSKIY, I.M.

Miners-innovators in nonferrous metallurgy. Gor. zhur. no.9:
3-5 8 '61. (MIRA 16:7)

1. Institut informatsii tsvetnoy metallurgii, Moskva.
(Mining engineering)

ZABELYSHINSKIY, I.M.

Innovators in factories and plants of nonferrous metallurgy.

TSvet.met. 34 no.9:1-10 8 '61.

(MIA 14:10)

(Nonferrous metal industries--Technological innovations)

MIRONENKO, A.V.; ZABEN'KOVA, K.I.

Qualitative composition and quantitative content of amino acids of
proteins of alkaloid and alkaloid-free lupine. Dokl. AN BSSR 7
no.3:195-198 Mr '63. (MIRA 16:6)

1. Institut biologii AN BSSR. Predstavleno akademikom AN BSSR T.N.
Godnevym.

(Amino acids) (Lupine)

GONCHAROVA, Ye.M. [Goncharova, E.M.]; ZABEN'KOVA, K.I. [Zaben'kova, K.I.]

Concentration of vitamins B in the culture medium of *Actinomyces*
aurefaciens. Vestsi AN BSSR. Ser. biol. nav. no.3:47-50 '61.
(MIRA 14:10)

(VITAMINS--B)

(ACTINOMYCES)

MIRONENKO, A.V. [Mironenka, A.V.]; ZABEN'KOVA, K.I. [Zaben'kova, K.I.]

Precursors of alkaloids in the lupine. Vestsi AN BSSR Ser.
biial.nau. no.1:34-37'63. (MIRAL669)
(ALKALOIDS) (LUPINE)

ZABEZHINSKAYA, N.A.

Experimental data concerning the normalization of the
isopropylbenzene hydroxide content of air in industrial
buildings. Uch.zap. Mosk. nauch.-issl. inst. san. i gig.
no.9:17-19 '61 (MIRA 16:11)

Studying the toxicity of some resins. Ibid.:112-116

*

BATUSOV, S., inzh.; ZABEREZHNYI, D., inzh.

Efficient lighting systems for floating beacons. Resh. transp.
2o no. 2:32-34 F '61. (MIRA 14:2)

(Beacons)

S/196/61/000/009/014/052
E194/E155

AUTHORS: Batusov, S.V., and Zaberezhnyy, D.T.

TITLE: The design of an optical reflecting system for
all-round signal lamps

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika,
no.9, 1961, 15, abstract 9V 109. (Svetotekhnika,
no.2, 1961, 18-22)

TEXT: On floating buoys in rivers it is more rational to
use signal lamps consisting of a reflecting system with a
high-voltage discharge tube rather than the incandescent lamps
with cylindrical lens and light filter which are used at present.
The calculations are given for a parabolic-circular reflector with
a circular focal line which coincides with the annular tube.
The optical system, which is of circular symmetry, concentrates
the light flux of the lamp only in a vertical plane. The light
distribution curve of the optical system gives identical light
output in all directions in the horizontal plane and in the
vertical only in the range $15^\circ - 20^\circ$, which fully meets the

Card 1/2

The design of an optical

S/196/61/000/009/014/052
E194/E155

requirements for such light signals. In the case of an optical system with a neon tube 10 mm diameter with a standard brightness of 500 candles/m² bent into a ring of 150 mm diameter in the focal plane of a parabolic reflector 200 mm high, the light output is three times greater and the amplification factor twice that of the normal optical system with a maximum coverage angle of 200° and more. ✓

[Abstractor's note: Complete translation.]

Card 2/2

MASLOVSKIY, M.F.; VINOGRADOVA, M.A.; ZABERUSZNYI, I.I.; NIKITINA, I.S.;
PARETSKIY, V.M.

Fluidized bed drying of dust pulp at the Chinkent Lead Plant.
Sbor. nauch. trud. Gintsvetmeta no.19:367-373 '62.
(MIRA 16:?)

(Chinkent--Lead industry)
(Fluidisation)

ZABEREZHNYI, I.I.; ORIONOV, A.A.; PYZHOV, V.S.

Drying granulated copper charge mixture in a fluidized bed.
Shor. nauch. trud. Gintsvetmeta no.19:475-483 '62.
(MIRA 16:7)

(Copper--Metallurgy)
(Fluidization)

YEVDOKIMENKO, A.I.; ZABEREZHNYI, I.I.; RAFALOVICH, I.M.; REZNIK, I.D.;
Prinimali uchastie: SHERMAN, S.P.; KUDRIN, A.E.; GALITSKIY, L.M.;
SERPOV, V.I.; VOROB'YEV, V.A.; STEPANOV, A.S.; RODIONOVA, E.M.;
BUNTOVNIKOV, A.S.; YEVDOKIMOVA, L.Ye.

Air blast preheating for shaft furnaces. Tsvet. met. 33 no.10:12--
20 0 '60. (MIRA 13:10)

1. Gosudarstvennyy institut po tsvetnym metallam (for Yevdokimenko, Zaberezhnyy, Rafalovich, Reznik, Rodionova, Buntovnikov, Yevdokinova).
2. Yuzhno-Ural'skiy nikelovyy zavod (for Sherman, Kudrin, Galitskiy, Serpov, Vorob'yev, Stepanov).

(Air preheaters)

(Metallurgical furnaces--Equipment and supplies)

ZABEREZHNYI, I.I.

Air preheating in recuperators operating on waste gases from
smelting furnaces in nonferrous metallurgy. Sbor. nauch. trud.
GINTSVETMET no.15:382-402 '59. (MIRA 14:4)

(Air preheaters)
(Nonferrous metals--Metallurgy)
(Heat regenerators)

SOV/136-59-7-6/20

AUTHORS: Reznik, I.D., Yevdokimenko, A.I., ~~Zaberezhny, I.I.~~,
Sherman, B.P., Kudrin, A.N., Serpov, V.I., Petrov, L.K.

TITLE: Shaft Smelting of Sintered Oxidized Nickel Ores With
Hot Blast

PERIODICAL: Tsvetnyye metally, 1959, Nr 7, pp 30-36 (USSR)

ABSTRACT: The use of hot blast in shaft smelting in non-ferrous metallurgy is comparatively recent. The authors describe production experiments made by the kombinat (combine) Yuzhuralnikel' together with Gintsvetmet and Gipronikel'.

Aside from the authors the following participated in the work. From Yuzhuralnikel': S. Ye. Lyumkis, M.M. Zolkina, A.G. Ushakov, V.T. Gritskova, U.D. Shaymukhambetov, N.V. Sukhin, I.S. Firyago, V.I. Mannanikov; from Gintsvetmet: A.S. Buntovnikov, M.S. Kruglyakova, Yu. N. Skvortsov, L.I. Yevdokimova; from Gipronikel': N.P. Malyk, Ye. M. Simonov, N.N. Sin'ko, A.N. Derevnin. The furnace used had a cross section in the tuyere zone of 7.2 m² and a width of 2m; stack height was 8 m and the slit tuyeres dipped at 15°.

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SOV/136-59-7-6/20

Shaft Smelting of Sintered Oxidized Nickel Ores With Hot Blast

Blast heating was provided by a specially designed oil-fired heater. Suitable instrumentation was provided. The experiments were conducted as during a previous investigation (Ref 4) on the same furnace; a parallel investigation of stack processes was carried out (Ref 5). Blast temperatures of 190, 300 and 400°C were used, the furnace working smoothly (Fig 1 shows the blast-pressure chart) and without difficulties. Compared with cold-blast operation on the same furnace a coke saving of 28.9% was obtained by blast heating to 300°C; allowing for the oil used in the blast heater the economy was 15.2% by weight, 11.5% if the difference in calorific value of oil and coke is taken into account. Fig 2 shows that top gas composition is best at 300°C. This temperature is also close to the optimum for fuel economy (Fig 3) and smelting and coke burning rates (Fig 4). The authors conclude that the tests have shown that blast heating should be introduced into practice. They recommend that oil- or gas-fired blast heaters should be designed, and that the development of methods for blast heating using the heat

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contents of slags and top gases should be accelerated.
There are 4 figures, 2 tables and 5 references, 4 of
which are Soviet and 1 French.

ASSOCIATION: Gintsvetmet (I. D. Reznik, A. I. Yevdokimenko, I. I. Zaherezhnyy);
Kombinat (Combine) Yuzhuralnikel' (B. P. Sherman, A. N. Kudrin,
V. I. Serpov); Gipronikel' (L. K. Petrov)

Card 3/3

ZABEREZHNYI, I. I.

PHASE I

TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 519 - I

BOOK

Call No.: T617.R23

Authors: BUROVOY, I. A., BYKHOVSKIY, Yu. A., ZABEREZHNYI, I. I. and RAFALOVICH, I. M.

Full Title: EXPERIENCE WITH AUTOMATIC CONTROL OF TEMPERATURE IN REVERBERATORY COPPER-SMELTING FURNACES

Transliterated Title: Opyt avtomatizatsii teplovogo rezhima otrazhatel'nykh nadeplavil'nykh pechey

PUBLISHING DATA

Originating Agency: None

Publishing House: State Scientific and Technical Publishing House of Literature on Ferrous and Nonferrous Metallurgy (Metallurgizdat)

Date: 1953

No. pp.: 328

No. of copies: 3,000

Editorial Staff

Scientific Editor: Rafalovich, I. M., Prof. Dr. of Tech. Sci.

Editor: Charikhov, L. A., Eng., Appraiser: Lisovskiy, D. I., Prof. Dr. of Tech. Sci.

PURPOSE: The book is intended for engineers and technicians dealing with controlling and measuring instruments and with automation, as well as for technologists in copper-smelting plants, scientific workers in design and research institutes, and students of metallurgical and technical schools.

TEXT DATA

Coverage: This book describes the methods of furnace investigation and preparation for automatic temperature control under various industrial conditions. It gives data on special features of the installation of automatic devices in copper-smelting

Opyt avtomatizatsii teplovogo rezhima otrazhatel'nykh
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shops, on the results of the analysis of individual elements of control, and on the adjusting of automatic furnaces to the most favorable temperature. It contains information on the efficiency of the automation of reverberatory and refining copper-smelting furnaces. According to the authors, experiments in the automation of copper-smelting furnaces started in the USSR in 1949, and were completed in early 1952. Three reverberatory and two refining furnaces of the four leading Soviet copper smelteries (see "Facilities") were the first to be controlled automatically. The book is provided with schematic drawings of furnaces and various devices, and tables and diagrams. The appendix contains instructions on automatic control of furnaces for smelters and foremen.

No. of References: 18 Russian, 1939-1952

Facilities: Engineers, technicians and workers of Kirovgrad, Krasnoural'sk, Balkhash and Pyshma Copper Smelteries; staff of the Moscow and Sverdlovsk Branches of the Instrument Design, Installation and Adjustment Organization (Proyektmontazhpribor); I. A. Strigin, Director of the State Scientific Research Institute of Nonferrous Metals (Gintsvetmet), D. M. Yukhtanov, assistant chief, and Gintsvetmet scientific workers.

ZABEREZHNYI I. I.

Rafalovich, I. M., Burovoy, I. L., Bykhovskiy, Yu. A., and Zaberezhnyy I. I.,

"Development and Installation of Automatic Regulation of Heat Conditions in Reverberatory and Refining Furnaces," in the book Obogashcheniye i metallurgiya tsvetnykh metallov / Enrichment and Metallurgy of Non-ferrous Metals / (Collection of Scientific Works No 8), Moscow, 1953, Metallurgizdat, Pages 64-87, 15 figures, 2 tables (Gintsvetmet).

GARENSKIKH, A.D.; BULATOV, V.D.; FEDCHENKO, Yu.P.; RAFALOVICH, I.M.;
ZABEREZHNYI, I.I.

Industrial air heater units for reverberatory copper smelting
furnaces. TSvet.met. 29 no.4:38-43 Ap '56. (MLRA 9:8)

1. Kirovgradskiy medeplavil'nyy zavod (for Garenskikh, Bulatov, Fedchenko);
 2. Gintsvetmet (for Rafalovich, Zaberezhnyy).
- (Copper--Metallurgy) (Smelting furnaces)

ZABERT, Roza (Warszawa, ul. Odyńca 61a m.26)

Bone marrow and peripheral blood in pregnant women. Polskie arch. med.
wewn. 28 no.1:63-74 1958.

1. Ordynator Oddziału Ginekologicznego: dr med. B. Pawlak.

(PREGNANCY, blood in

peripheral blood & bone marrow histol. studies (Pol))

(BONE MARROW, in pregnancy

histol. analysis (Pol))

(BLOOD COUNT, in pregnancy

(Pol))

BASS, N.A., inzh.; ZABEZHANSKIY, I.I., inzh.; KARANZINA, N.A., inzh.;
MIKHILENKO, A.P., inzh.

Automatic voltage regulation in the substations of an electric
power system. Elek. sta. 32 no.12:18-25 D '61. (MIRA 15:1)
(Electric power distribution)

ZABEZHAVSKIY, I.I., inzhener.

Automatic switch for a transformer. Elek. sta. 26 no.1:56
Ja '55. (MIRA 8:5)

(Electric transformers) (Electric switchgear)

MOSHKOVSKIY, Sh.D.; SHUYKINA, E.Ye.; DEMINA, N.A.; TIBURSKAYA, N.A.;
VRUBLEVSKAYA, O.S.; ZHUKOVA, T.A.; ZABEZHANSKIY, V.I.;
Prinimali uchastiye: BAGRAMIAN, M.G.; IL'YASOVA, S.I.

Methodology of the detection of asymptomatic carriers of quartan
malaria. Med. paraz. i paraz. bol. 34 no.2:184-188 Mr-ap '65.
(MIRA 18:11)

1. Otdel protozoologii Instituta meditsinskoy parazitologii i
tropicheskoy meditsiny imeni Ye.I. Martynovskogo Ministerstva
zdravookhraneniya SSSR, Moskva.

TIBURSKAYA, N.A.; ZHUKOVA, T.A.; BAGRAMYAN, M.G.; YAKUSHKINA, N.S.; ZABEZHANSKIY,
V.P.; IL'YASOV, S.I.

Case of many years lasting carrier state of quartan malaria parasites.
Med. paraz. i paraz. bol. 34 no.1:81-83 Ja-F '65. (MIRA 18:8)

1. Institut meditsinskoy parazitologii i tropicheskoy meditsiny im.
Ye.I.Martsinovskogo Ministerstva zdavookhraneniya SSSR, Moskva,
Institut meditsinskoy parazitologii i tropicheskoy meditsiny im.
S.M.Kirova Ministerstva zdavookhraneniya Azerbaydzhanskoy SSR,
Kafedra meditsinskoy parazitologii Tsentral'nogo instituta usover-
shenstvovaniya vrachey i Psikhonevrologicheskaya bol'nitsa Nr.3,
Baku.

ZABEZHINSKAYA, N.A.; URANOVA, Ye.V.

Changes in the higher nervous activity and other functions in
animals under the influence of small doses of dinitrobenzene
and dinitrochlorobenzene. Uch.zap.Mosk.nauch.-issl.ins't.san.i
gig. no.3:76-80'60. (MIRA 16:7)
(CONDITIONED RESPONSE) (BENZENE--TOXICOLOGY)

ZABEZHINSKAYA, N.A.; OZEROVA, V.F.; SHUR, R.L.

Changes in the higher nervous activity and other functions in
dogs under the influence of threshold amounts of acrylonitrile.

Uch.zap.Mosk.nauch.-issl.inst.san. i gig.no.3:68-72'60.

(MIRA 16:7)

(CONDITIONED RESPONSE) (ACRYLONITRILE-TOXICOLOGY)

Sanitary
ZABEZHINSKAYA, N. A. Cand Med Sci -- (diss) "~~Toxicological and sanitation~~
~~study providing a medical foundation for~~
~~research on the hygienical basis~~ of the maximum permissible concentration of
dinitrobenzene in the water of reservoirs." Mos, 1958. 13 pp (1st Mos Order
of Lenin Med Inst im Sechenov), 200 copies (KL, 11-58, 121)

-189-

ZABEZHENSKAYA, P. I.

10

Synthesis of 1-methyl-1-ethylcyclopentane. A. P. Plate and P. I. Zabezhenskaya. *Izv. Akad. Nauk S.S.S.R., Khim. Nauk* 1946, 651-4. McMill (from 6.1 g. Mg) in 160 ml. H_2O treated over 1.2 hrs. with 28 g. 1-chloro-1-ethylcyclopentane, bp 53°, d_4^{20} 0.9340, n_D^{20} 1.4514, in 180 ml. H_2O , heated 2 hrs. to 46-56°, and let stand overnight gave 21.8% 1-methyl-1-ethylcyclopentane, bp 117.5-20°, n_D^{20} 1.4219. The reaction failed in H_2O -Ccl₄ soln. Repetition of the 1st expt. using 1-chloro-1-methylcyclopentane, bp 35°, d_4^{20} 0.9630, n_D^{20} 1.4450, and H_2Mg gave after 8 hrs. at 55-60° 10% of the desired product. After washing with H_2SO_4 and distn. over Na it bp 130-30.5°, d_4^{20} 0.7980, n_D^{20} 1.4272; aniline point 46.3°. G. M. Kuznetsov

RESEARCH LITERATURE CLASSIFICATION

CLASSIFICATION	RESEARCH LITERATURE CLASSIFICATION	RESEARCH LITERATURE CLASSIFICATION	RESEARCH LITERATURE CLASSIFICATION
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